

Claims

- 5 1. A mobile communication device cover comprising a keyboard, characterized by a cover processor which is connected to said keyboard and by a bus interface, for connection of said cover processor to a mobile communication module, wherein said bus interface is adapted to operate with a plurality of mobile communication modules.
- 10 2. A mobile communication device cover according to claim 1, further comprising a display, wherein said display is connected to said bus interface, for connecting said display to a processor of a mobile communication module.
- 15 3. A mobile communication device cover according to claim 1 or 2, wherein said cover comprises a controller.
- 20 4. A mobile communication device cover according to anyone of the preceding claims, characterized in that said cover further comprises a battery module.
- 25 5. A mobile communication device cover according to anyone of the preceding claims, characterized in that said cover further comprises a slot for receiving a communication module.
6. A mobile communication module comprising a radio interface for connecting to a mobile communication network characterized by a standardized bus interface, to connect said communication module to a cover having at least a keypad.
7. A mobile communication module according to claim 6, further comprising a display.
- 30 8. A mobile communication module according to claim 6 or 7, wherein said radio interface comprises a cellular telephone interface.
9. A mobile communication module according to claim 6, 7 or 8 wherein said radio interface comprises a cordless telephone interface.
- 35 10. A mobile communication module according to anyone of claims 7 to 9, further comprising a battery and a minimal user interface to provide basic communication functionality.

11. A mobile communication device characterized in that said mobile communication device comprises an intelligent mobile communication cover according to anyone of claims 1 to 5 and comprising a mobile communication module according to anyone of claims 6 to 10.
- 5 12. Method for handling input data in mobile communication devices having a detachable intelligent mobile communication device cover and a mobile communication module, comprising:
- receiving input at said cover,
 - converting said input according to a specified protocol,
 - 10 - transferring said converted input via a specified bus to said mobile communication module,
 - processing said transferred input in said mobile communication module.
13. Method according to claim 12, further comprising a possibility for handling output data
- 15 - generating/receiving data to be output in said communication module,
 - converting said output according to a specified protocol in said communication module,
 - transferring said converted output via a specified bus to said communication device cover, and
 - outputting said received output via a display in said cover.
- 20 14. Software tool comprising program code means stored on a computer readable medium for carrying out the method of anyone of claims 12 to 13 when said software tool is run on a computer or network device.
- 25 15. Computer program product comprising program code means stored on a computer readable medium for carrying out the method of anyone of claims 12 to 13 when said program product is run on a computer or network device.
- 30 16. Computer program product comprising program code, downloadable from a server for carrying out the method of anyone of claims 12 to 13 when said program product is run on a computer or network device.